

**NATURAL RESOURCES CONSERVATION SERVICE**  
**CONSTRUCTION SPECIFICATIONS**  
**WATERSPREADING**

**1. Scope**

The work shall consist of the excavation, earthfill, and other grading operations for the complete installation of the waterspreading system as shown on the construction plans. The work shall also include furnishing and installing all materials as required by the construction plans, and the removal of water as needed to keep the work area free of standing or flowing water during installation of any diversion works.

**2. Removal of Water**

Temporary diversion works, cofferdams, channels, and sumps will be installed as shown on the construction plans, or as needed to keep the work area free of standing or flowing water. All diverted water should outlet into the natural drainageway at a location beyond the work area. All temporary measures will be removed after their intended function is no longer required.

**3. Diversion Works and Conveyance System**

The diversion works and conveyance system will be installed to divert streamwater (automatic or manual control) onto the spreading area as shown on the construction plans. Materials used in the diversion works and conveyance system will meet the requirements shown in section 6, Construction Details.

**4. Other Structures**

Earthfill or excavation required to construct channels, dikes, diversions, or other structures will meet the requirements for earthfill and excavation in section 6, Construction Details. All structures will be constructed in the locations shown on the construction plans or as staked in the field. All structures will be constructed to the line and grades shown on the drawings. Finished slopes will be as shown on the drawings or flatter.

**5. Measurement**

**Earthfill.** The volume of earthfill completed as specified will be determined from the design dimensions as staked in the field. The volume will be determined using the average end area method or utilizing computer drafting program capability.

**Excavation.** The volume of excavation completed as specified will be determined from the design dimensions as staked in the field. The volume will be determined using the average end area method, or utilizing computer drafting program capability.

**Other component parts.** Unless otherwise specified in section 6, Construction Details, measurement shall be to the units shown in the bid schedule and/or the construction plans.

**6. Construction Details**